

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003077.D
 Acq On : 21 Aug 2020 12:28
 Operator : CG/JU
 Sample : PB131124TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131124TB

Quant Time: Aug 21 13:16:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	354968	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1399097	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	840237	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1820522	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1805978	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1811130	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	2361449	101.82	ng	0.00
7) Phenol-d6	6.86	99	2770751	86.05	ng	0.00
23) Nitrobenzene-d5	8.83	82	1646850	63.75	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1499866	143.62	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	4752605	77.28	ng	-0.01
79) Terphenyl-d14	19.65	244	6879859	76.26	ng	0.00

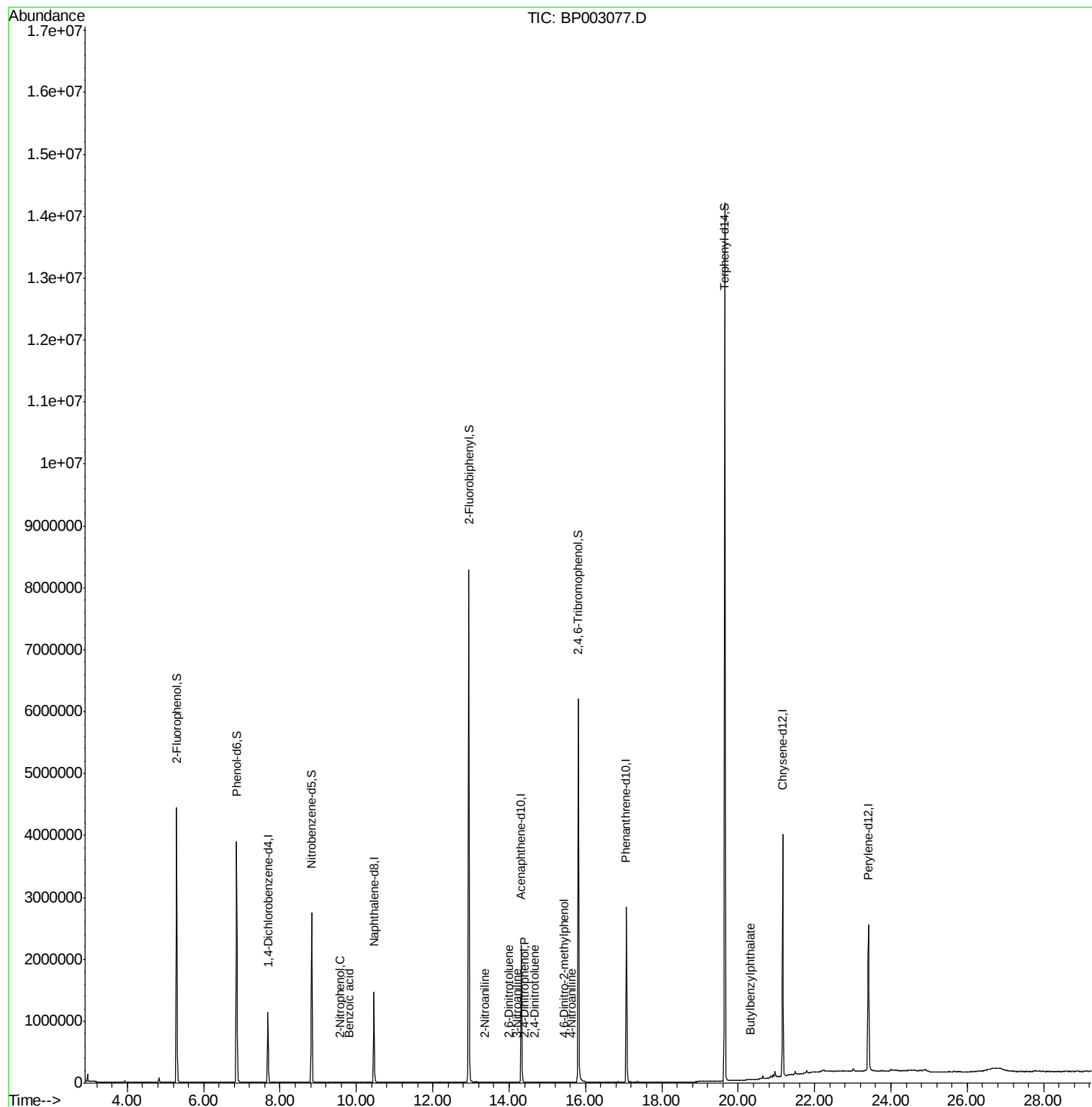
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.57	139	12	4.521	ng	# 1
32) Benzoic acid	9.82	122	9	7.687	ng	# 1
48) 2-Nitroaniline	13.36	65	88	3.978	ng	# 1
51) 2,6-Dinitrotoluene	13.98	165	28	2.901	ng	92
53) 3-Nitroaniline	14.20	138	10	3.274	ng	# 67
54) 2,4-Dinitrophenol	14.42	184	13	8.059	ng	# 33
57) 2,4-Dinitrotoluene	14.66	165	47	3.808	ng	# 67
62) 4-Nitroaniline	15.63	138	38	2.418	ng	95
65) 4,6-Dinitro-2-methylphenol	15.45	198	8	6.901	ng	# 1
80) Butylbenzylphthalate	20.33	149	853	3.073	ng	# 78

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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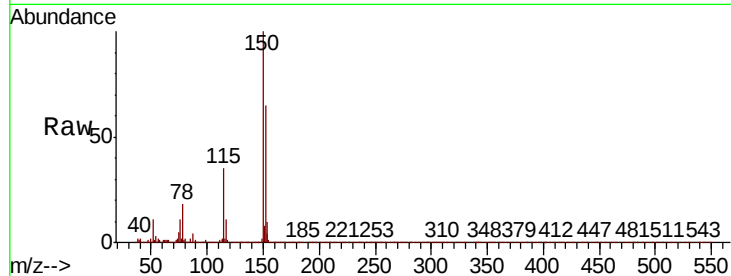


#1

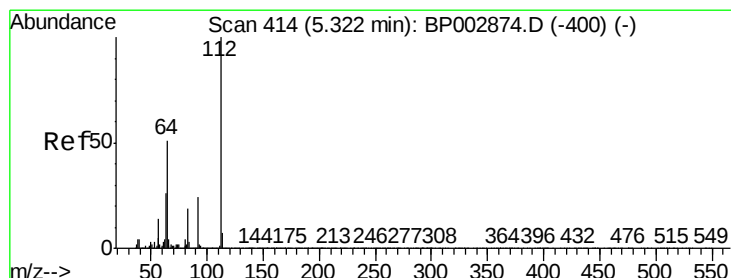
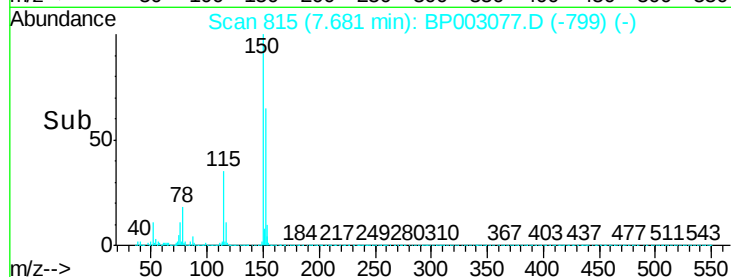
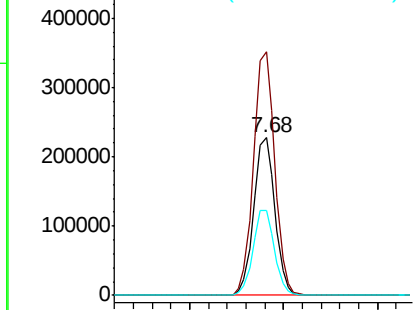
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Instrument :
BNA_P
ClientSampleId :
PB131124TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.1	189.1
115	54.3	43.4	65.2



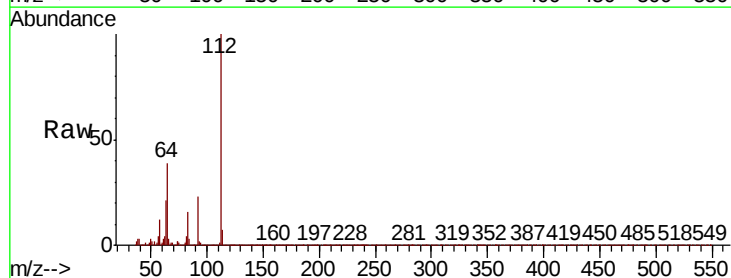
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



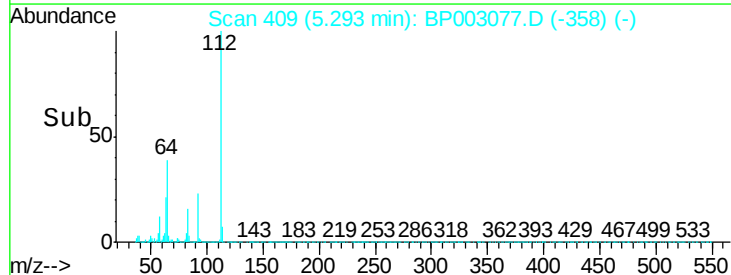
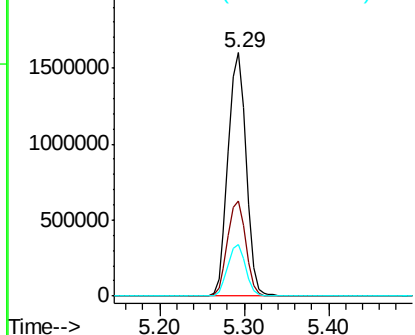
#5

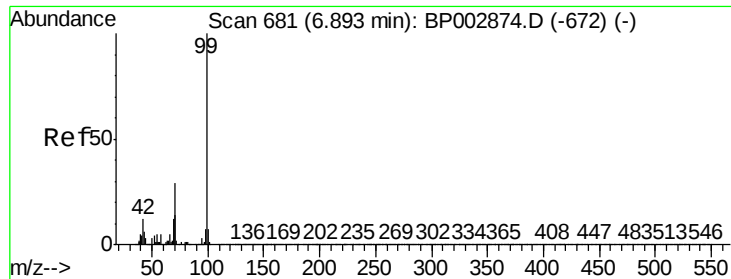
2-Fluorophenol
Concen: 101.817 ng
RT: 5.29 min Scan# 409
Delta R.T. 0.00 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.2	33.4	50.2
63	21.0	17.4	26.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 86.047 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

Instrument :

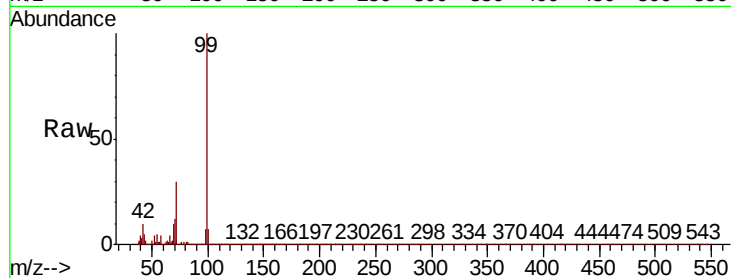
BNA_P

ClientSampleId :

PB131124TB

Tot Ion: 99 Resp: 2770751

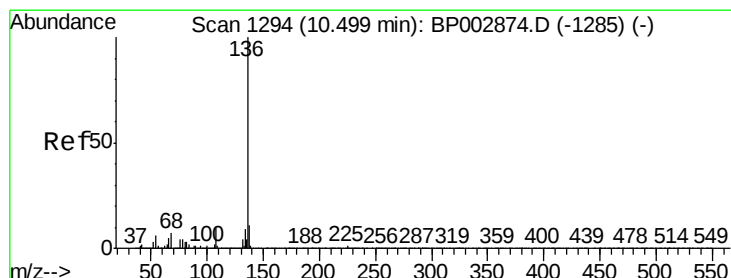
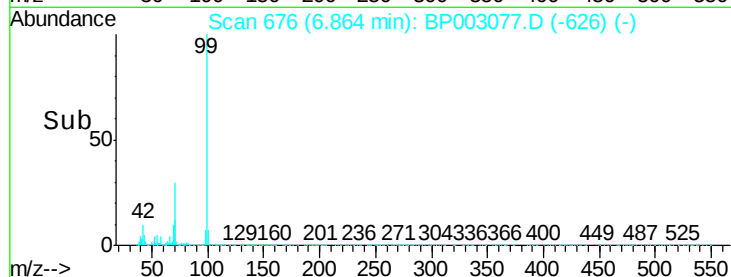
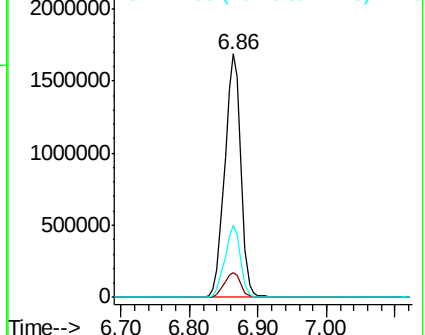
Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.0	12.0
71	29.6	21.3	31.9



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1287

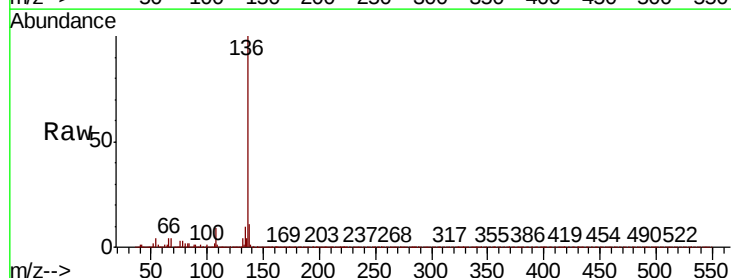
Delta R.T. -0.01 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

Tgt Ion: 136 Resp: 1399097

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.4	3.8	5.8
68	4.2	3.8	5.8

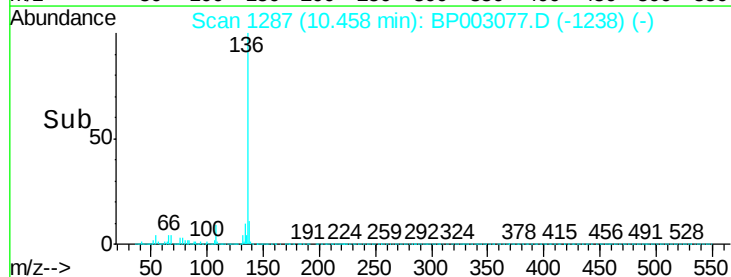
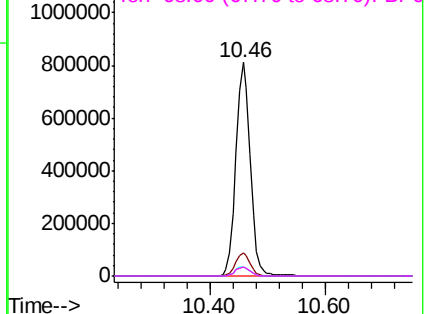


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

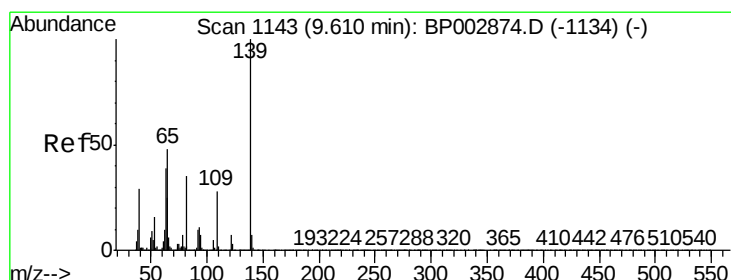
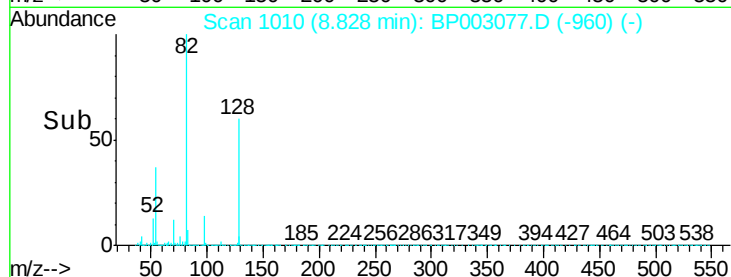
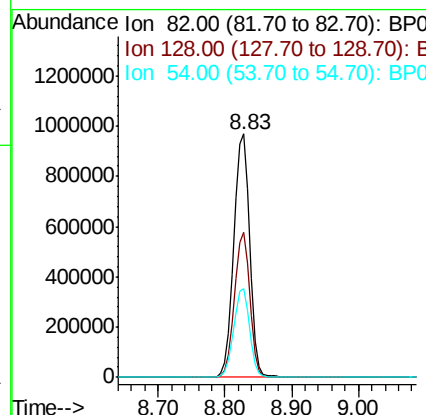
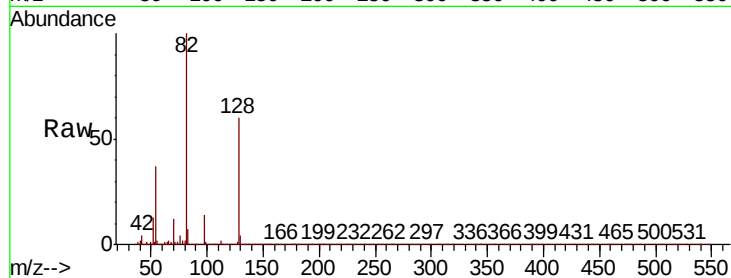




#23
Nitrobenzene-d5
Concen: 63.754 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

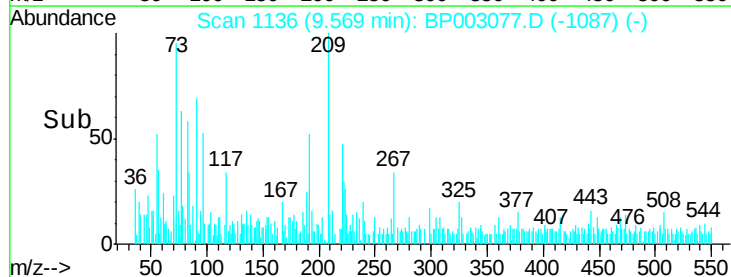
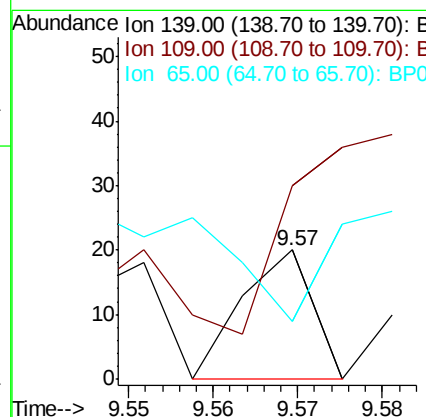
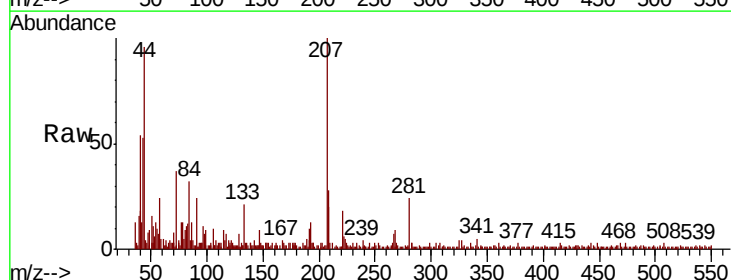
Instrument :
BNA_P
ClientSampleId :
PB131124TB

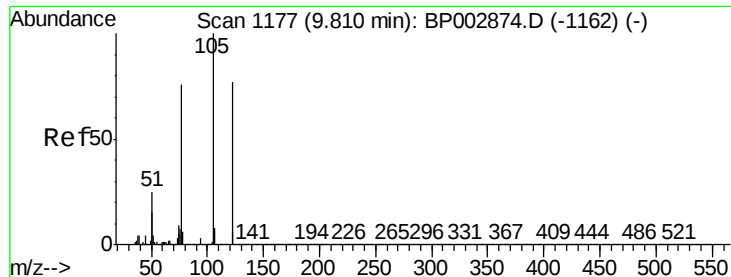
Tot Ion: 82 Resp: 1646850
Ion Ratio Lower Upper
82 100
128 59.8 45.1 67.7
54 36.6 28.8 43.2



#26
2-Nitrophenol
Concen: 4.521 ng
RT: 9.57 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Tgt Ion: 139 Resp: 12
Ion Ratio Lower Upper
139 100
109 150.0 21.0 31.6#
65 45.0 27.2 40.8#

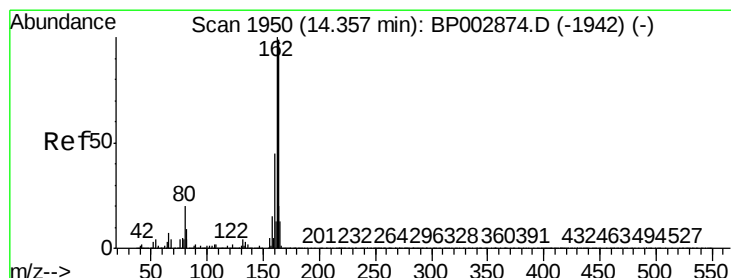
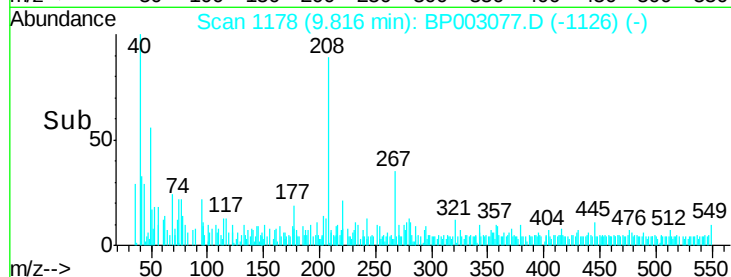
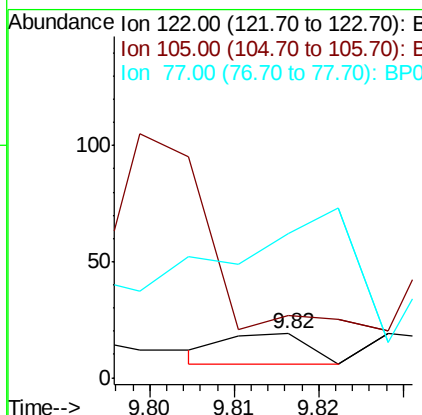
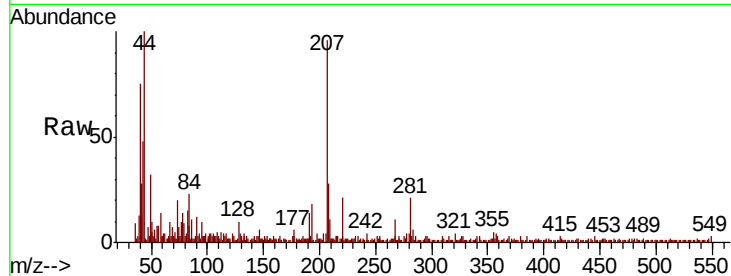




#32
Benzoic acid
Concen: 7.687 ng
RT: 9.82 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

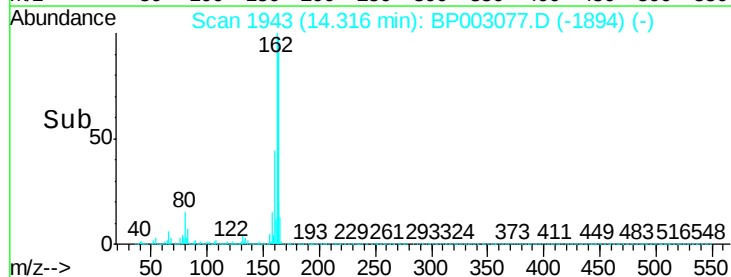
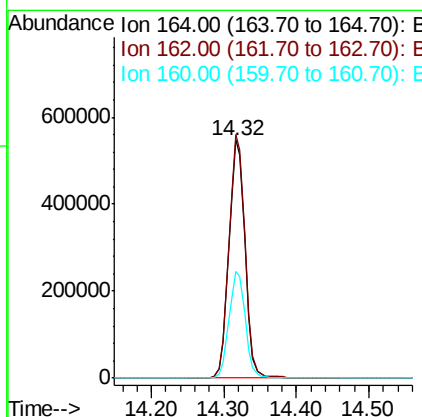
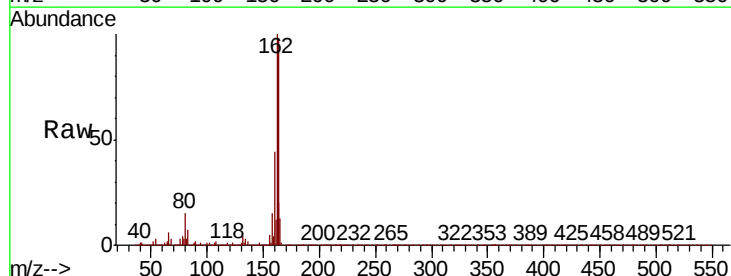
Instrument :
BNA_P
ClientSampleId :
PB131124TB

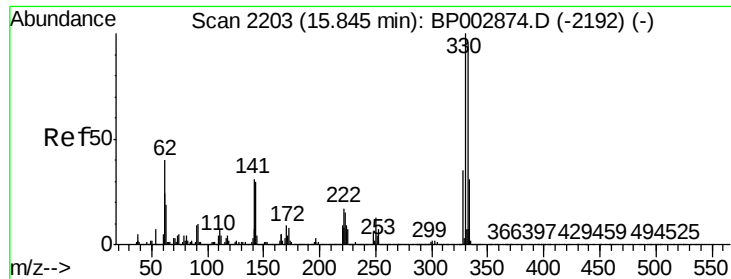
Tot Ion	Ratio	Lower	Upper
122	100		
105	142.1	96.2	136.2#
77	326.3	55.6	95.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	45.0	35.5	53.3

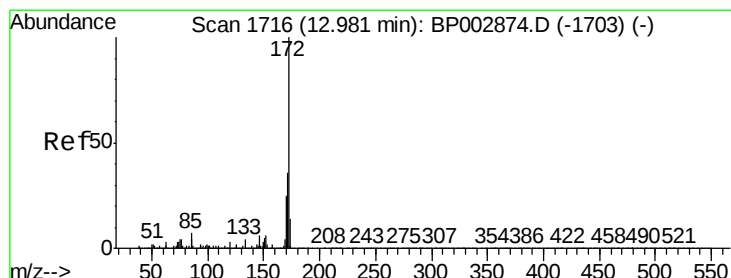
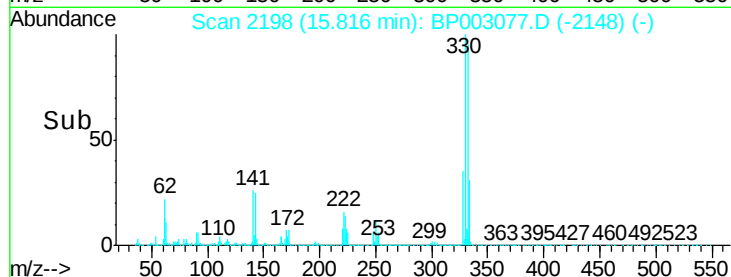
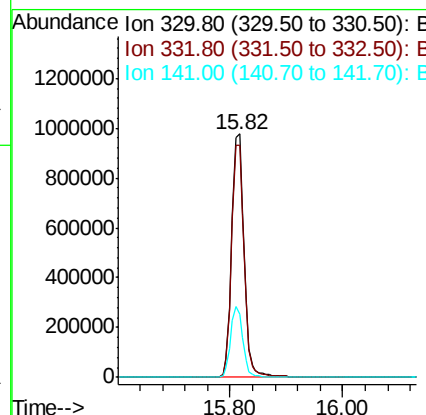
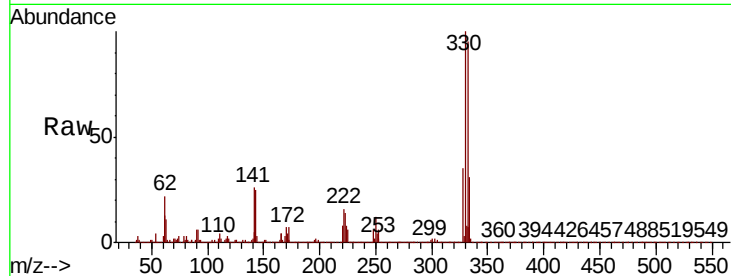




#42
2,4,6-Tribromophenol
Concen: 143.622 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

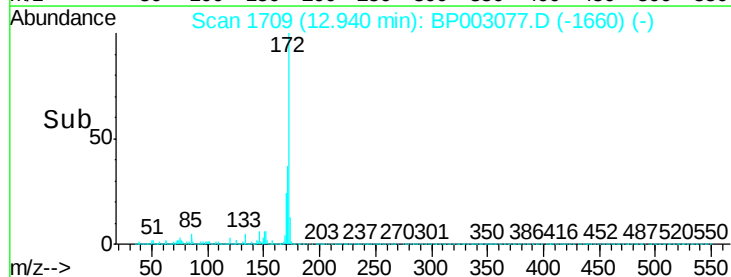
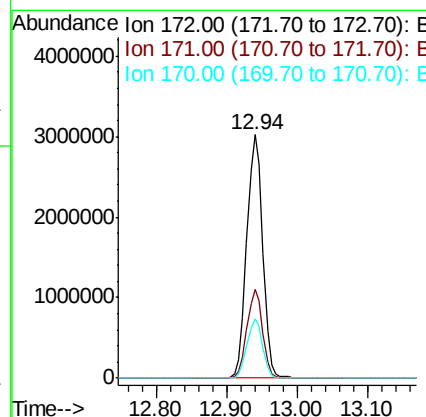
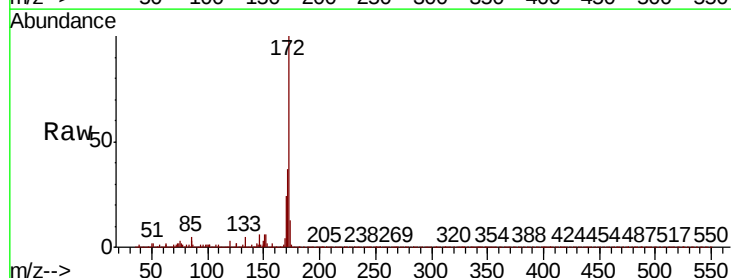
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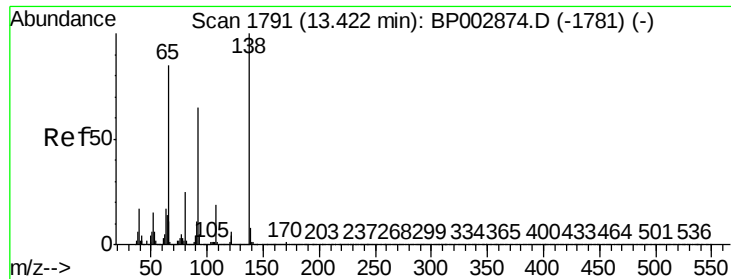
Tot Ion:330 Resp: 1499866
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 29.1 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 77.281 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Tgt Ion:172 Resp: 4752605
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.2 19.1 28.7





#48

2-Nitroaniline

Concen: 3.978 ng

RT: 13.36 min Scan# 1780

Delta R.T. -0.04 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

Instrument :

BNA_P

ClientSampleId :

PB131124TB

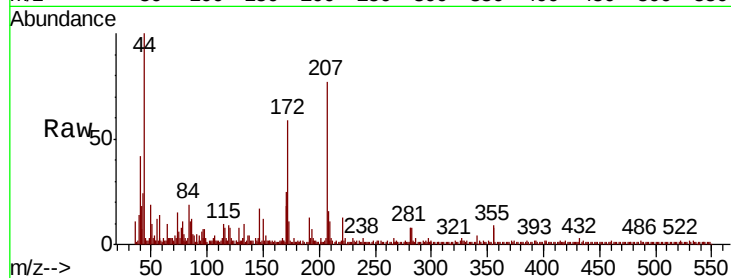
Tot Ion: 65 Resp: 88

Ion Ratio Lower Upper

65 100

92 19.7 70.1 105.1#

138 11.8 129.7 194.5#

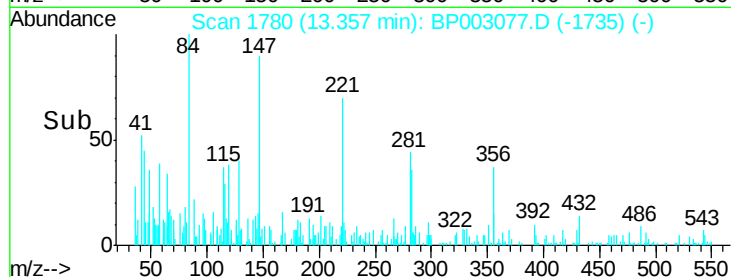


Abundance Ion 65.00 (64.70 to 65.70): BP0

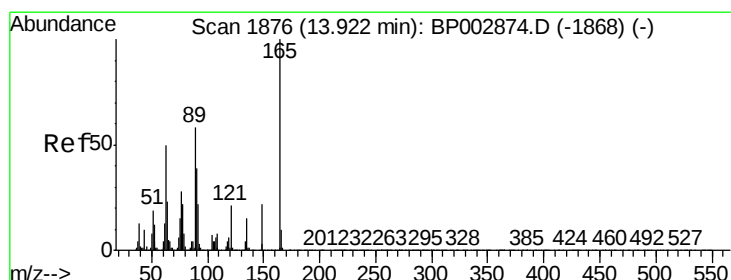
Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): BP0

Time-->



Time-->



#51

2,6-Dinitrotoluene

Concen: 2.901 ng

RT: 13.98 min Scan# 1886

Delta R.T. 0.08 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

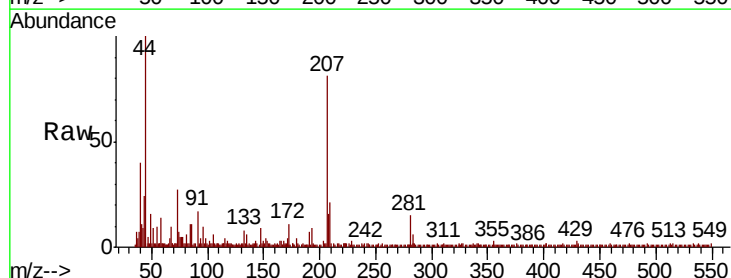
Tgt Ion: 165 Resp: 28

Ion Ratio Lower Upper

165 100

63 41.1 28.1 42.1

89 39.3 34.5 51.7

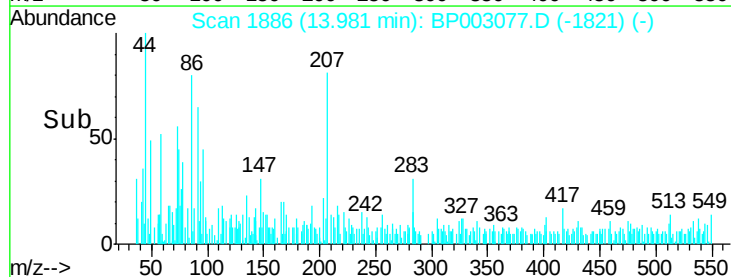


Abundance Ion 165.00 (164.70 to 165.70): BP0

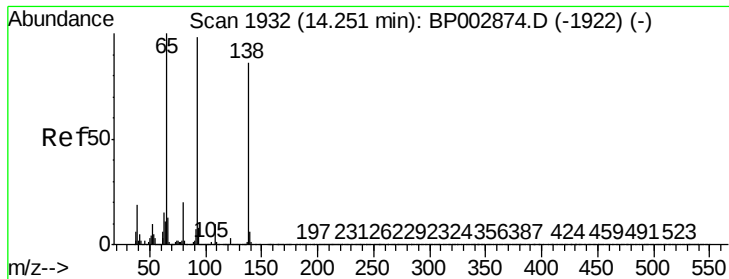
Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Time-->



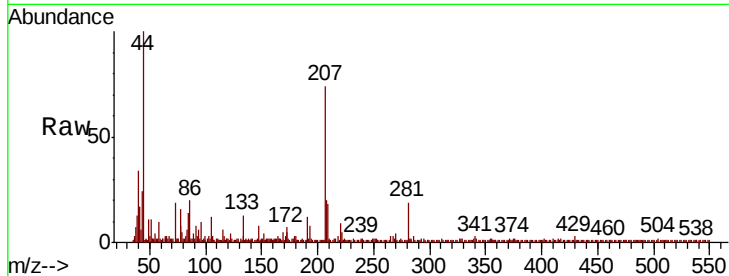
Time-->



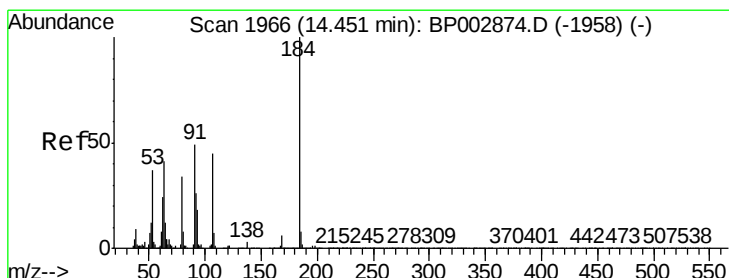
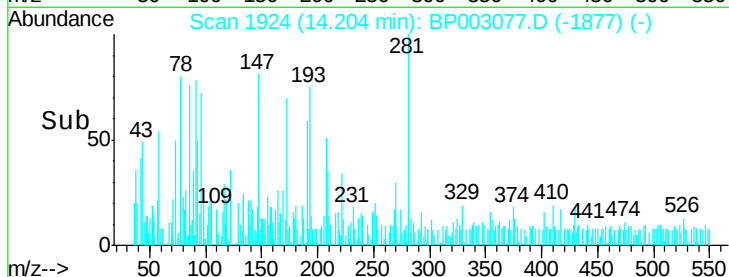
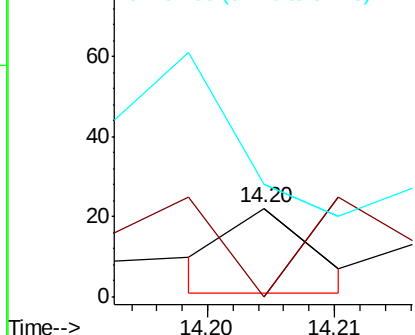
#53
3-Nitroaniline
Concen: 3.274 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Instrument :
BNA_P
ClientSampleId :
PB131124TB

Tot Ion:138 Resp: 10
Ion Ratio Lower Upper
138 100
108 0.0 7.7 11.5#
92 127.3 75.6 113.4#

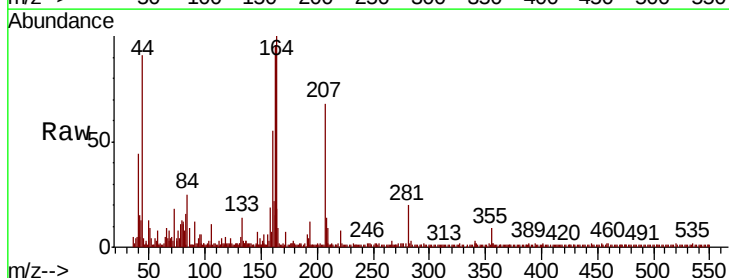


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BP0

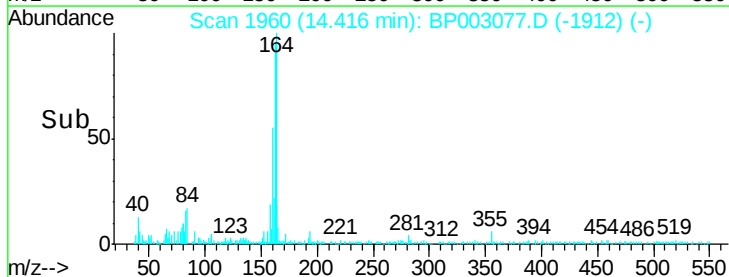
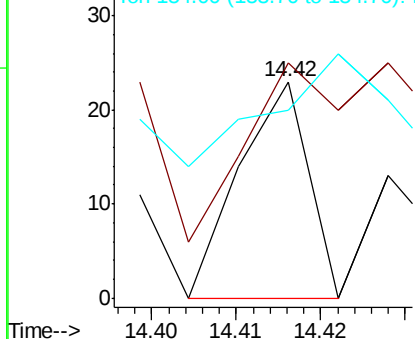


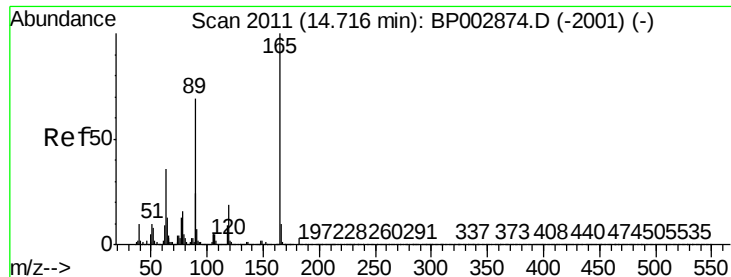
#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.02 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 108.7 33.0 49.6#
154 87.0 46.8 70.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

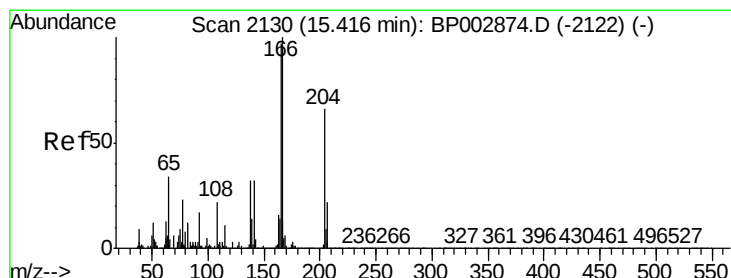
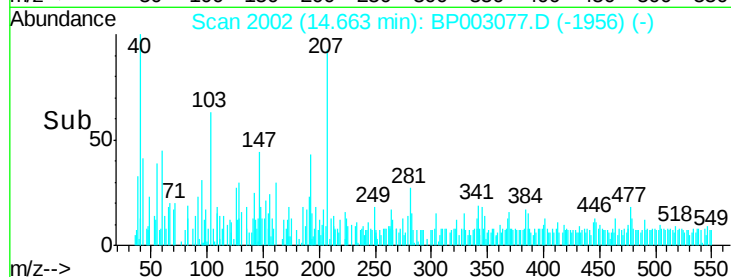
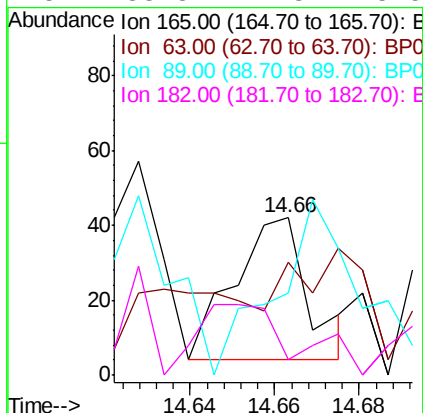
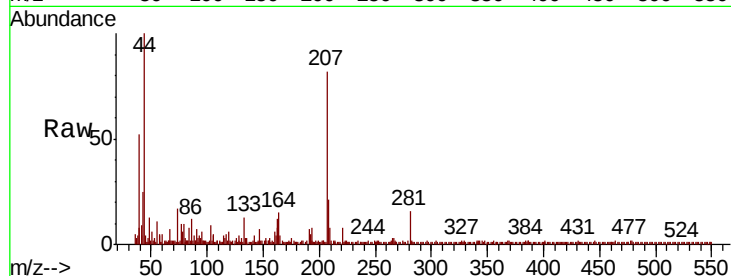




#57
2,4-Dinitrotoluene
Concen: 3.808 ng
RT: 14.66 min Scan# 2002
Delta R.T. -0.03 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

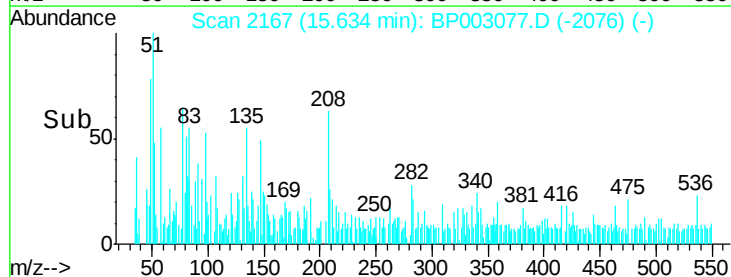
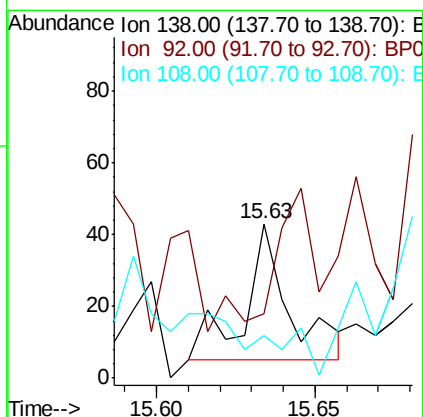
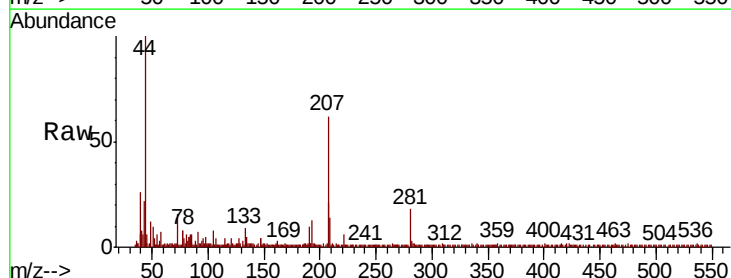
Instrument :
BNA_P
ClientSampleId :
PB131124TB

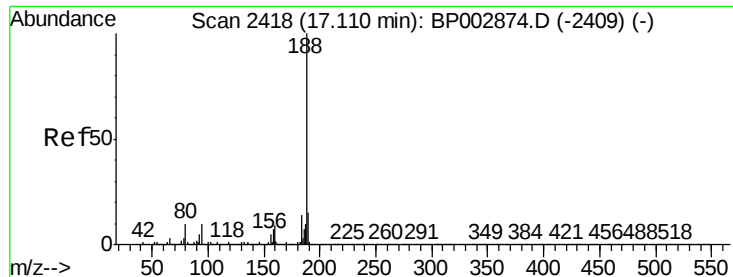
Tot Ion:165 Resp: 47
Ion Ratio Lower Upper
165 100
63 71.4 20.6 31.0#
89 52.4 43.4 65.0
182 33.3 2.3 3.5#



#62
4-Nitroaniline
Concen: 2.418 ng
RT: 15.63 min Scan# 2167
Delta R.T. 0.24 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Tgt Ion:138 Resp: 38
Ion Ratio Lower Upper
138 100
92 41.9 21.4 61.4
108 67.4 40.8 80.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

Instrument :

BNA_P

ClientSampleId :

PB131124TB

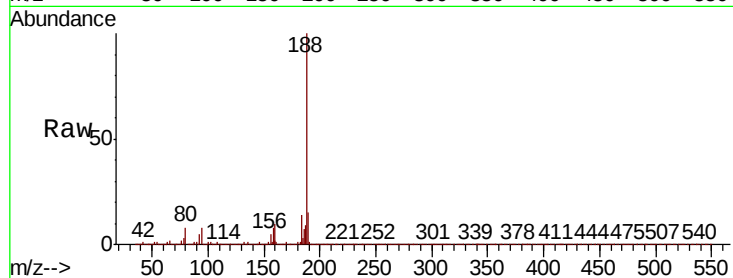
Tot Ion:188 Resp: 1820522

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

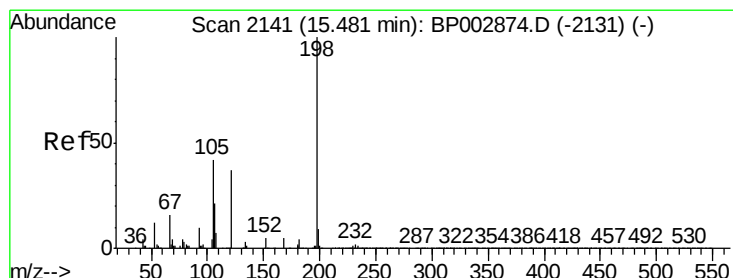
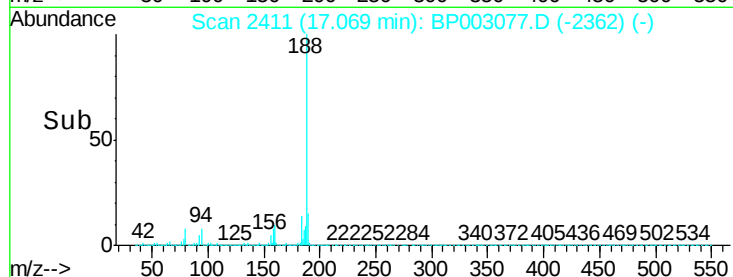
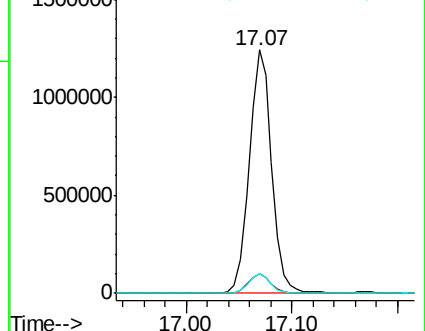
80 7.9 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.901 ng

RT: 15.45 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BP003077.D

Acq: 21 Aug 2020 12:28

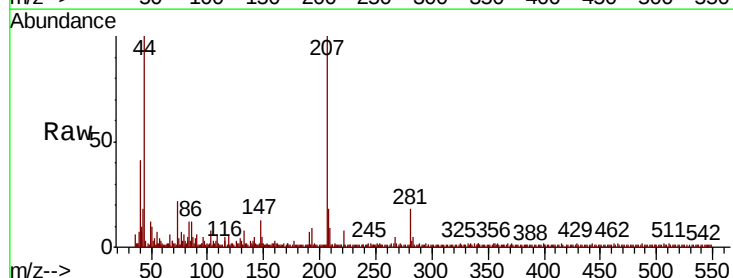
Tgt Ion:198 Resp: 8

Ion Ratio Lower Upper

198 100

51 735.7 6.2 46.2#

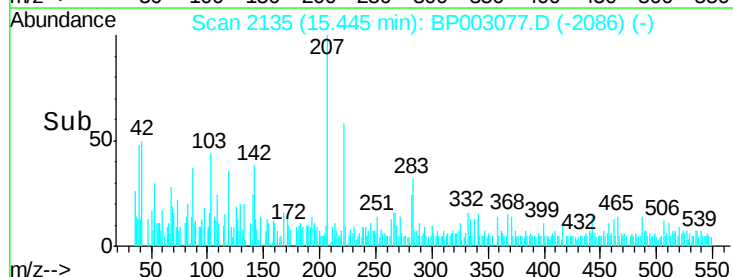
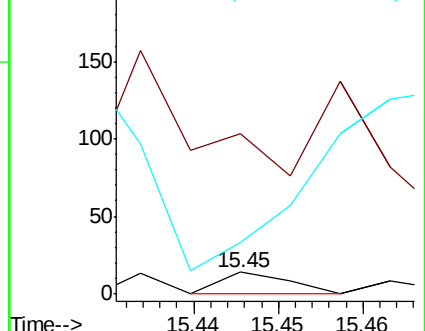
105 235.7 19.9 59.9#

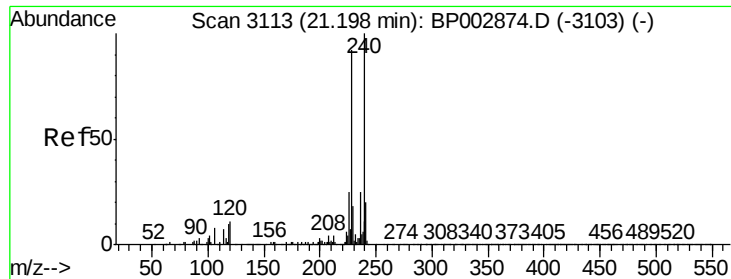


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

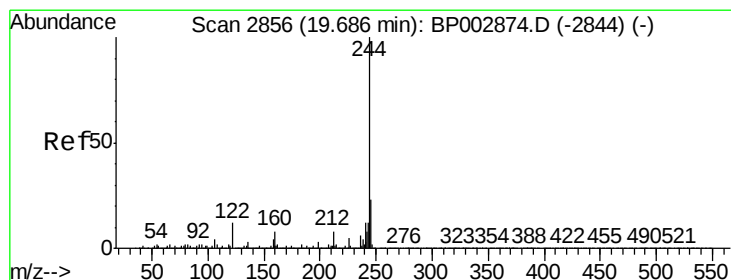
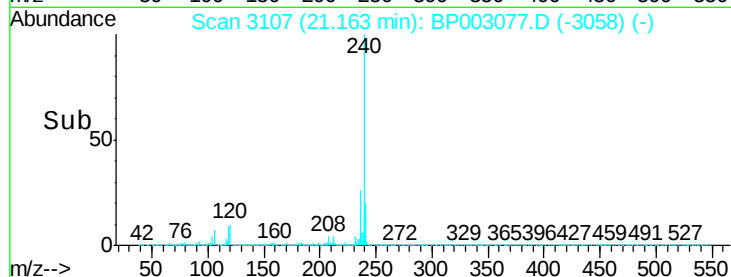
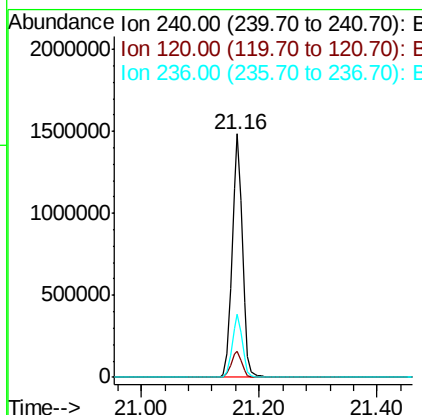
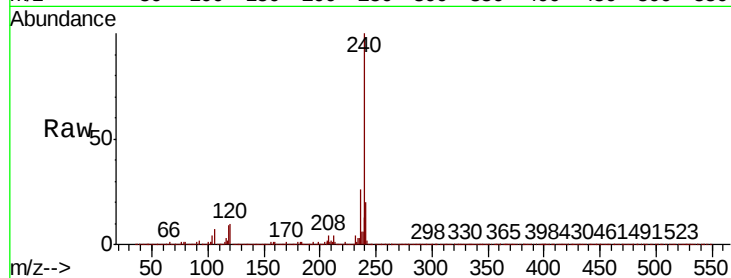




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

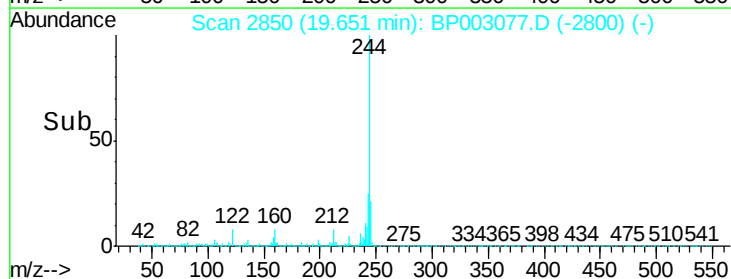
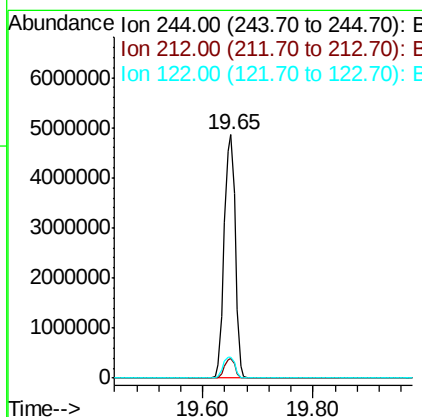
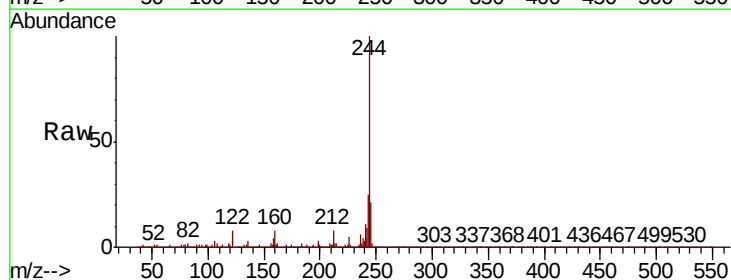
Instrument :
BNA_P
ClientSampleId :
PB131124TB

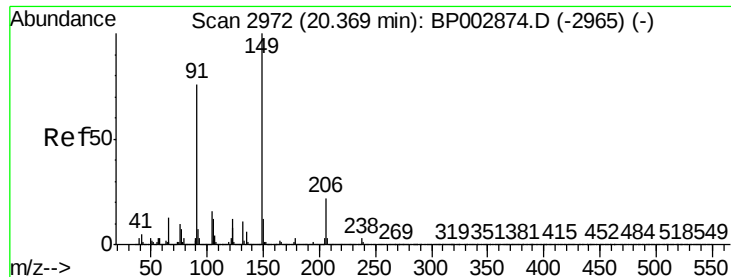
Tot Ion:240 Resp: 1805978
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 76.264 ng
RT: 19.65 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Tgt Ion:244 Resp: 6879859
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.4 8.7 13.1#

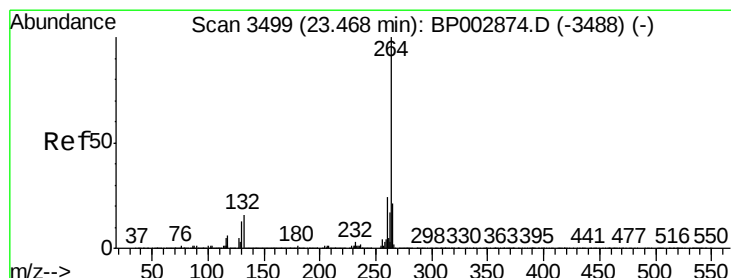
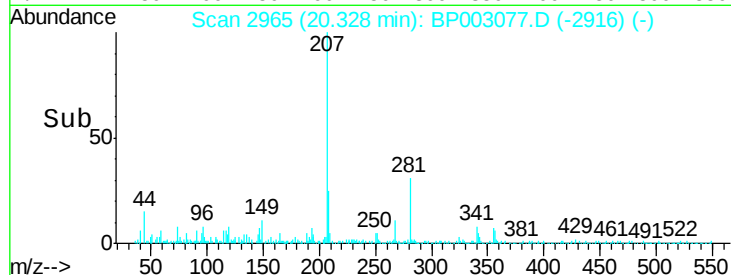
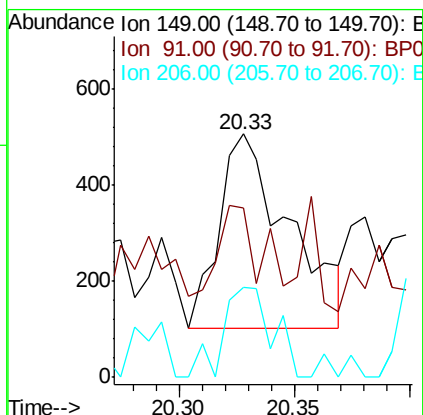
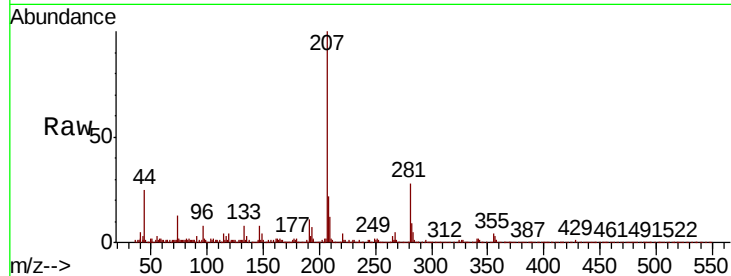




#80
Butylbenzylphthalate
Concen: 3.073 ng
RT: 20.33 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Instrument :
BNA_P
ClientSampleID :
PB131124TB

Tot Ion:149 Resp: 853
Ion Ratio Lower Upper
149 100
91 69.8 45.3 67.9#
206 36.9 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003077.D
Acq: 21 Aug 2020 12:28

Tgt Ion:264 Resp: 1811130
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.9 17.3 25.9

